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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=12; day=9; hr=10; min=57; sec=25; ms=68;]

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Application No: 10534766 Version No: 2.0

Input Set:

Output Set:

Started: 2009-12-02 12:11:07.400
Finished: 2009-12-02 12:11:08.801
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 401 ms
Total Warnings: 2
Total Errors: 7
No. of SeqIDs Defined: 2
Actual SeqID Count: 2

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
E 341	'Xaa' position not defined SEQID (2) POS (6)
E 341	'Xaa' position not defined SEQID (2) POS (9)
E 341	'Xaa' position not defined SEQID (2) POS (12)
E 341	'Xaa' position not defined SEQID (2) POS (13)
E 341	'Xaa' position not defined SEQID (2) POS (16)
E 341	'Xaa' position not defined SEQID (2) POS (20)
E 341	'Xaa' position not defined SEQID (2) POS (25)

SEQUENCE LISTING

<110> THE SCRIPPS RESEARCH INSTITUTE
 BRACEY, Michael H.
 HANSON, Michael A.
 STEVENS, Raymond C.
 CRAVATT, Benjamin F.

<120> CRYSTALLINE FORM OF FATTY ACID AMIDE HYDROLASE (FAAH)

<130> TSRI 923.1

<140> 10534766

<141> 2009-12-02

<150> PCT/US2003/036125

<151> 2003-11-14

<150> US 60/426,788

<151> 2002-11-14

<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 579

<212> PRT

<213> Rat

<400> 1

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Cys Leu Ala Cys Ser Leu Leu Ser Ala Ala Val Val Leu Arg Trp Thr
 20 25 30

Gly Arg Gln Lys Ala Arg Gly Ala Ala Thr Arg Ala Arg Gln Lys Gln
 35 40 45

Arg Ala Ser Leu Glu Thr Met Asp Lys Ala Val Gln Arg Phe Arg Leu
 50 55 60

Gln Asn Pro Asp Leu Asp Ser Glu Ala Leu Leu Thr Leu Pro Leu Leu
 65 70 75 80

Gln Leu Val Gln Lys Leu Gln Ser Gly Glu Leu Ser Pro Glu Ala Val
 85 90 95

Phe Phe Thr Tyr Leu Gly Lys Ala Trp Glu Val Asn Lys Gly Thr Asn
100 105 110

Cys Val Thr Ser Tyr Leu Thr Asp Cys Glu Thr Gln Leu Ser Gln Ala
115 120 125

Pro Arg Gln Gly Leu Leu Tyr Gly Val Pro Val Ser Leu Lys Glu Cys
130 135 140

Phe Ser Tyr Lys Gly His Asp Ser Thr Leu Gly Leu Ser Leu Asn Glu
145 150 155 160

Gly Met Pro Ser Glu Ser Asp Cys Val Val Val Gln Val Leu Lys Leu
165 170 175

Gln Gly Ala Val Pro Phe Val His Thr Asn Val Pro Gln Ser Met Leu
180 185 190

Ser Phe Asp Cys Ser Asn Pro Leu Phe Gly Gln Thr Met Asn Pro Trp
195 200 205

Lys Ser Ser Lys Ser Pro Gly Gly Ser Ser Gly Gly Glu Gly Ala Leu
210 215 220

Ile Gly Ser Gly Gly Ser Pro Leu Gly Leu Gly Thr Asp Ile Gly Gly
225 230 235 240

Ser Ile Arg Phe Pro Ser Ala Phe Cys Gly Ile Cys Gly Leu Lys Pro
245 250 255

Thr Gly Asn Arg Leu Ser Lys Ser Gly Leu Lys Gly Cys Val Tyr Gly
260 265 270

Gln Thr Ala Val Gln Leu Ser Leu Gly Pro Met Ala Arg Asp Val Glu
275 280 285

Ser Leu Ala Leu Cys Leu Lys Ala Leu Leu Cys Glu His Leu Phe Thr
290 295 300

Leu Asp Pro Thr Val Pro Pro Leu Pro Phe Arg Glu Glu Val Tyr Arg
305 310 315 320

Ser Ser Arg Pro Leu Arg Val Gly Tyr Tyr Glu Thr Asp Asn Tyr Thr

325	330	335
Met Pro Ser Pro Ala Met Arg Arg Ala Leu Ile Glu Thr Lys Gln Arg		
340	345	350
Leu Glu Ala Ala Gly His Thr Leu Ile Pro Phe Leu Pro Asn Asn Ile		
355	360	365
Pro Tyr Ala Leu Glu Val Leu Ser Ala Gly Gly Leu Phe Ser Asp Gly		
370	375	380
Gly Arg Ser Phe Leu Gln Asn Phe Lys Gly Asp Phe Val Asp Pro Cys		
385	390	395
400		
Leu Gly Asp Leu Ile Leu Ile Leu Arg Leu Pro Ser Trp Phe Lys Arg		
405	410	415
Leu Leu Ser Leu Leu Leu Lys Pro Leu Phe Pro Arg Leu Ala Ala Phe		
420	425	430
Leu Asn Ser Met Arg Pro Arg Ser Ala Glu Lys Leu Trp Lys Leu Gln		
435	440	445
His Glu Ile Glu Met Tyr Arg Gln Ser Val Ile Ala Gln Trp Lys Ala		
450	455	460
Met Asn Leu Asp Val Leu Leu Thr Pro Met Leu Gly Pro Ala Leu Asp		
465	470	475
480		
Leu Asn Thr Pro Gly Arg Ala Thr Gly Ala Ile Ser Tyr Thr Val Leu		
485	490	495
Tyr Asn Cys Leu Asp Phe Pro Ala Gly Val Val Pro Val Thr Thr Val		
500	505	510
Thr Ala Glu Asp Asp Ala Gln Met Glu Leu Tyr Lys Gly Tyr Phe Gly		
515	520	525
Asp Ile Trp Asp Ile Ile Leu Lys Lys Ala Met Lys Asn Ser Val Gly		
530	535	540
Leu Pro Val Ala Val Gln Cys Val Ala Leu Pro Trp Gln Glu Glu Leu		
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560		

Cys Leu Arg Phe Met Arg Glu Val Glu Gln Leu Met Thr Pro Gln Lys
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Gln Pro Ser

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<211> 30
<212> PRT
<213> Rat

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Xaa 12 = Lys, Xaa 13 = Arg
Xaa 16 = Ser, Xaa 20 = Lys
Xaa 25 = Arg

<400> 2

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1 5 10 15

Leu Leu Leu Xaa Pro Leu Phe Pro Xaa Leu Ala Ala Phe Leu
20 25 30